

Application No. 09/913,703

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims of in the application:

Listing of Claims:

1. (Cancelled)
2. (Cancelled)
3. (Cancelled)
4. (Cancelled)
5. (Cancelled)
6. (Cancelled)
7. (Cancelled)
8. (Cancelled)
9. (Cancelled)
10. (Cancelled)
11. (Cancelled)
12. (Cancelled)
13. (Cancelled)
14. (Cancelled)
15. (Cancelled)
16. (Cancelled)
17. (Cancelled)
18. (Cancelled)
19. (Cancelled)
20. (Cancelled)
21. (Cancelled)
22. (Cancelled)

23. (New) A formwork for columns, comprising:
an annular body formed from a plurality of rigid plates fixed to each other,
said annular body having a section corresponding to the column to be obtained,
said rigid plates comprising laminates and having a width, wherein a smaller
width yields a greater the degree of proximity of said section to a perfect cylinder,
an external envelope made of glass fibre mesh, rolled helicoidally on said annular
body, and
a self-adhesive film, covering continuously an inner surface of said laminates.
24. (New) The formwork for columns according to claim 23, further comprising:
an outer stiffening envelope comprising a band of self-adhesive tape,
said self-adhesive tape, having a plurality of glass fibre threads disposed
longitudinally and evenly distributed within said tape,
said self-adhesive tape being fixed to said formwork with an helicoidal path,
preferably with partial overlap of said tape, such that said glass fibre threads are in a substantially
transversal positional with respect to an imaginary axis of said formwork.
25. (new) The formwork for columns according to claim 24, wherein said self-adhesive tape
comprises a support, made of paper, a layer of self-adhesive glue on one side of said paper, and
said glass fibre threads being embedded in said layer of self adhesive glue.
26. (New) The formwork for columns according to claim 23, wherein said rigid plates further
comprise plasticized wood.

27. (New) The formwork for columns according to claim 26, further comprising:
an outer stiffening envelope comprising a band of self-adhesive tape,
said self-adhesive tape, having a plurality of glass fibre threads disposed
longitudinally and evenly distributed within said tape,
said self-adhesive tape being fixed to said formwork with an helicoidal path,
preferably with partial overlap of said tape, such that said glass fibre threads are in a substantially
transversal positional with respect to an imaginary axis of said formwork.
28. (New) The formwork for columns according to claim 27, wherein said self-adhesive tape
comprises a support, made of paper, a layer of self-adhesive glue on one side of said paper, and
said glass fibre threads being embedded in said layer of self adhesive glue.
29. (New) The formwork for columns according to claim 23, wherein said rigid plates further
comprise rigid plastic.
30. (New) The formwork for columns according to claim 29, further comprising:
an outer stiffening envelope comprising a band of self-adhesive tape,
said self-adhesive tape, having a plurality of glass fibre threads disposed
longitudinally and evenly distributed within said tape,
said self-adhesive tape being fixed to said formwork with an helicoidal path,
preferably with partial overlap of said tape, such that said glass fibre threads are in a substantially
transversal positional with respect to an imaginary axis of said formwork.
31. (New) The formwork for columns according to claim 30, wherein said self-adhesive tape
comprises a support, made of paper, a layer of self-adhesive glue on one side of said paper, and
said glass fibre threads being embedded in said layer of self adhesive glue.

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32. (New) The formwork for columns according to claim 23, further comprising a plurality of belts or bands, comprising a rigid material, established on said external envelope, and distributed along said formwork.

33. (New) The formwork for columns according to claim 32, further comprising:
an outer stiffening envelope comprising a band of self-adhesive tape,
said self-adhesive tape, having a plurality of glass fibre threads disposed longitudinally and evenly distributed within said tape,
said self-adhesive tape being fixed to said formwork with an helicoidal path, preferably with partial overlap of said tape, such that said glass fibre threads are in a substantially transversal positional with respect to an imaginary axis of said formwork.

34. (New) The formwork for columns according to claim 33, wherein said self-adhesive tape comprises a support, made of paper, a layer of self-adhesive glue on one side of said paper, and said glass fibre threads being embedded in said layer of self adhesive glue.

35. (New) The formwork for columns according to claim 23, further comprising a tubular body, comprising expanded polystyrene, and established between said annular body and said external envelope.

36. (New) The formwork for columns according to claim 35, further comprising:
an outer stiffening envelope comprising a band of self-adhesive tape,
said self-adhesive tape, having a plurality of glass fibre threads disposed longitudinally and evenly distributed within said tape,
said self-adhesive tape being fixed to said formwork with an helicoidal path, preferably with partial overlap of said tape, such that said glass fibre threads are in a substantially transversal positional with respect to an imaginary axis of said formwork.

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37. (New) The formwork for columns according to claim 36, wherein said self-adhesive tape comprises a support, made of paper, a layer of self-adhesive glue on one side of said paper, and said glass fibre threads being embedded in said layer of self adhesive glue.

38. (New) A formwork for columns, comprising:
an annular body formed from a plate,
wherein said plate, initially flat, has a length according to a height of a column to be obtained and a width according to a diameter of said column,
said plate having a plurality of longitudinal cuts or slots disposed on an outer side of said plate, and
wherein said cuts or slots weaken said plate and allow said plate to be deformed to form said annular body.

39. (New) The formwork for columns according to claim 38, further comprising:
an outer stiffening envelope comprising a band of self-adhesive tape,
said self-adhesive tape, having a plurality of glass fibre threads disposed longitudinally and evenly distributed within said tape,
said self-adhesive tape being fixed to said formwork with an helicoidal path, preferably with partial overlap of said tape, such that said glass fibre threads are in a substantially transversal positional with respect to an imaginary axis of said formwork.

40. (New) The formwork for columns according to claim 39, wherein said self-adhesive tape comprises a support, made of paper, a layer of self-adhesive glue on one side of said paper, and said glass fibre threads being embedded in said layer of self adhesive glue.

41. (New) The formwork for columns according to claim 38, wherein said plate comprises plasticised wood.

42. (New) The formwork for columns according to claim 41, further comprising:
an outer stiffening envelope comprising a band of self-adhesive tape,
said self-adhesive tape, having a plurality of glass fibre threads disposed
longitudinally and evenly distributed within said tape,
said self-adhesive tape being fixed to said formwork with an helicoidal path,
preferably with partial overlap of said tape, such that said glass fibre threads are in a substantially
transversal positional with respect to an imaginary axis of said formwork.
43. (New) The formwork for columns according to claim 42, wherein said self-adhesive tape
comprises a support, made of paper, a layer of self-adhesive glue on one side of said paper, and
said glass fibre threads being embedded in said layer of self adhesive glue.
44. (New) The formwork for columns according to claim 38, wherein said plate comprises
rigid plastic.
45. (New) The formwork for columns according to claim 44, further comprising:
an outer stiffening envelope comprising a band of self-adhesive tape,
said self-adhesive tape, having a plurality of glass fibre threads disposed
longitudinally and evenly distributed within said tape,
said self-adhesive tape being fixed to said formwork with an helicoidal path,
preferably with partial overlap of said tape, such that said glass fibre threads are in a substantially
transversal positional with respect to an imaginary axis of said formwork.
46. (New) The formwork for columns according to claim 45, wherein said self-adhesive tape
comprises a support, made of paper, a layer of self-adhesive glue on one side of said paper, and
said glass fibre threads being embedded in said layer of self adhesive glue.

47. (New) The formwork for columns according to claim 38, further comprising:
two end rings, each having a “U” section and defining an annular groove,
wherein each of said annular grooves receives in its interior an end of said plate,
wherein said plate and said formwork are shaped into a perfect cylinder.
48. (New) The formwork for columns according to claim 47, further comprising:
an outer stiffening envelope comprising a band of self-adhesive tape,
said self-adhesive tape, having a plurality of glass fibre threads disposed
longitudinally and evenly distributed within said tape,
said self-adhesive tape being fixed to said formwork with an helicoidal path,
preferably with partial overlap of said tape, such that said glass fibre threads are in a substantially
transversal positional with respect to an imaginary axis of said formwork.
49. (New) The formwork for columns according to claim 48, wherein said self-adhesive tape
comprises a support, made of paper, a layer of self-adhesive glue on one side of said paper, and
said glass fibre threads being embedded in said layer of self adhesive glue.
50. (New) The formwork for columns according to claim 47, wherein said “U” section of
each of said two end rings comprises two lateral branches, said lateral branches being
asymmetric.
51. (New) The formwork for columns according to claim 50, further comprising:
an outer stiffening envelope comprising a band of self-adhesive tape,
said self-adhesive tape, having a plurality of glass fibre threads disposed
longitudinally and evenly distributed within said tape,
said self-adhesive tape being fixed to said formwork with an helicoidal path,
preferably with partial overlap of said tape, such that said glass fibre threads are in a substantially
transversal positional with respect to an imaginary axis of said formwork.

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52. (New) The formwork for columns according to claim 51, wherein said self-adhesive tape comprises a support, made of paper, a layer of self-adhesive glue on one side of said paper, and said glass fibre threads being embedded in said layer of self adhesive glue.